

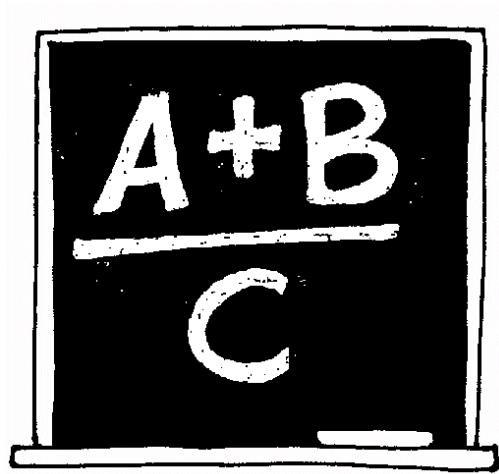
Name_____Hour_____

Scale Drawing Practice

Set up a proportion and solve each of the following situations. SHOW ALL WORK! Label your answer.

1. A photograph measures 4 inches wide and 5 inches long. If you enlarge the photo proportionally to fit into a frame that measures 30 inches long, what is the width of the enlarged photo?
2. Mixing 4 ml of red paint and 15 ml of yellow paint makes orange paint. How much red would be needed if you use 100 ml of yellow paint?
3. A fast typist can type 120 words in 100 seconds. How many seconds will it take to type 180 words?
4. The Crayola crayon company can make 2400 crayons in 4 minutes. How many crayons can they make in 15 minutes?

5. Use the scale 1.5 in = 3 feet to find the height of the chalkboard in feet.



6. Sally must write a 2,000 word essay for her LA class. If 480 words will 3 pages, how many pages will Sally have to write to complete this assignment?

7. A recipe that serves 4 people calls for 3 cups of flour. You want to use this recipe, but plan to serve 15 people. How much flour will you need to use if you increase the recipe. Do not round your answer.

8. Jimmy can ride 25km in 3 hours on his bike. How long will it take him to ride the 70km around Lake Geneva?